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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/550,915	09/28/2005	Morio Fujitani	2005_1476A	4301

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WENDEROTH, LIND & PONACK, L.L.P.  
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SUITE 800  
WASHINGTON, DC 20006-1021

EXAMINER
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RAABE, CHRISTOPHER M

ART UNIT	PAPER NUMBER
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2879

MAIL DATE	DELIVERY MODE
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01/09/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/550,915

Applicant(s)

FUJITANI, MORIO

Examiner

Christopher M. Raabe

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 December 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on December 21, 2007 has been entered.
2. Applicant's arguments filed December 21, 2007 have been fully considered but they are not persuasive.
3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
4. Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Fujitani et al. (JP 2003054991).

With regard to claim 1,

Fujitani et al. disclose in at least figures 1,2 and paragraphs 13,14,24 a plasma display panel comprising: a front panel including a display electrode (103) a dielectric layer (104) and a protective layer (105) sequentially formed on a first glass substrate (102) and a back panel (111) including an address electrode (113) a base dielectric layer (114), a barrier rib (115) and a phosphor layer (116) disposed to oppose each other and sealed at peripheries of the front panel and the back panel with a sealing member (not pictured) so as to define an inner space (not

labeled) between the front panel and back panel, and a catalyst (not labeled, within 104a) reacting with a hydrocarbon, the catalyst being provided so as to be exposed to the inner space.

With regard to claim 2,

Fujitani et al. disclose the plasma display panel according to claim 1, wherein the catalyst is contained in a component part (dielectric layer) of the plasma display panel exposed to the inner space.

With regard to claim 3,

Fujitani et al. disclose the plasma display panel according to claim 2, wherein the component part (dielectric layer) is constituted of at least one of a protective layer formed on the front panel, a barrier rib formed on the back panel, a phosphor layer formed on the back panel, and a base dielectric layer formed on the back panel.

With regard to claim 4,

Fujitani et al. disclose the plasma display panel according to any of claim 1, wherein the catalyst is a catalyst accelerating oxidization of a hydrocarbon.

With regard to claim 5,

Fujitani et al. disclose the plasma display panel according to claim 4, wherein the catalyst is at least one selected from the group consisting of Pd, Pt, Rh,  $\text{Co}_3\text{O}_4$ ,  $\text{PdO}$ ,  $\text{Cr}_2\text{O}_3$ ,  $\text{Mn}_2\text{O}_3$ ,  $\text{Ag}_2\text{O}$ ,  $\text{CuO}$ ,  $\text{MnO}_2$ ,  $\text{CoO}$ , and  $\text{NiO}$ .

With regard to claim 6,

Fujitani et al. disclose the plasma display panel according to claim 1, wherein the catalyst is a catalyst accelerating decomposition of a hydrocarbon.

With regard to claim 7,

Fujitani et al. disclose the plasma display panel according to claim 6, wherein the catalyst is at least one selected from the group consisting of Co, Mn, Zn, Ti, TiO<sub>2</sub>, and Ni.

With regard to claims 8,9,

Fujitani et al. disclose the plasma display panel according to claims 2,3, wherein the catalyst is a catalyst accelerating oxidization of a hydrocarbon.

With regard to claims 10,11,

Fujitani et al. disclose the plasma display panel according to claims 2,3, wherein the catalyst is a catalyst accelerating decomposition of a hydrocarbon.

With regard to claim 12,

Fujitani et al. disclose the plasma display panel according to claim 1, wherein the inner space is defined between the protective layer of the front panel and the phosphor layer barrier rib and base dielectric layer of the back panel.

### ***Response to Arguments***

5. While the applicant argues the Fujitani reference does not teach the catalyst to be exposed to the inner space, as the exposure takes place before the panel is sealed (arguing that prior to sealing the inner space does not exist), the examiner asserts that the catalyst is

exposed to the inner space, as the inner space as claimed is still defined by the front and back panels and their respective peripheries. Therefore the rejections of the claims are maintained.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher M. Raabe whose telephone number is 571-272-8434. The examiner can normally be reached on m-f 7am-3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on 571-272-2457. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Peter Macchiarolo  
Patent Examiner, Art Unit 2879

